CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 11/18/2001

Experimenters: Ravi Krishnappa

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Lubricating/Lapping Oils

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.

(i) 5 minute immersion cleaning with stir bar agitation @ 120 degree F.
(ii) 30 sec manual rinse with water @120 degree F.
(iii) air drying for about 24 hours.
CONTAMINANT INFO: CRC Cutting Oil - Thread cutting compound for ferrous and non-ferrous 64742-53-6, 64742-52-5, 75-28-5, 74-98-6

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Lubricating/Lapping Oils				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
EnviroSan Products Ltd	Solution 2000	10	77.20	☐	
LPS Laboratories	Precision Clean Concentrate	10	92.60	☑	
EcoLink	Heavy Weight Non Butyl Detergent	10	65.40	☐	
Cleaning Systems	Release	10	80.30	☐	
Ardrox Inc	6333	25	98.80	☐	
Baum's Castorine Company Inc	EZE Oil-Grease Cleaner	25	93.80	☑	

Conclusion: